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UTILITY PATENT APPLICATION TRANSMITTAL

Attorney Docket No.		No.	003921.00151			
First In	ventor	Smi	th			
			G A SPLIT POWER PLANE OF A MULTI-LAYER CUIT BOARD			

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b)) Express Mail Label No. EV 335691097 US Assistant Commissioner for Patents APPLICATION ELEMENTS ADDRESS TO: Box Patent Application See MPEP chapter 600 concerning utility patent application contents. Washington, DC 20231 7. CD-ROM or CD-R in duplicate, large table or 1. 🛛 Fee Transmittal Form (e.g., PTO/SB/17) Computer Program (Appendix) (Submit an original and a duplicate for fee processing) 2. 🔲 Applicant claims small entity status. 8. Nucleotide and/or Amino Acid Sequence Submission See 37 CFR 1.27. (if applicable, all necessary) з. 🖂 (Total Pages a. Computer Readable Form (CRF) Specification (preferred arrangement set forth below) b. Specification Sequence Listing on: - Descriptive title of the Invention i. CD-ROM or CD-R (2 copies); or - Cross Reference to Related Applications ii. 🔲 paper - Statement Regarding Fed sponsored R & D c. Statements verifying identity of above copies - Reference to sequence listing, a table. or a computer program listing appendix ACCOMPANYING APPLICATIONS PARTS - Background of the Invention - Brief Summary of the Invention 9. 🔯 Assignment Papers (cover sheet & document(s)) - Brief Description of the Drawings (if filed) 10. 37 C.F.R.§3.73(b) Statement ☐ Power of - Detailed Description (when there is an assignee) Attorney - Claim(s) - Abstract of the Disclosure 11. 🔲 English Translation Document (if applicable) 4. 🔯 Copies of IDS 12. 🔲 Information Disclosure Drawing(s) (35 U.S.C.113) Total Sheets Statement (IDS)/PTO-1449 Citations Formal; or 13. 🔲 Preliminary Amendment b. Informal 14. 🛛 Return Receipt Postcard (MPEP 503) [Total Pages 5. Oath or Declaration (Should be specifically itemized) Newly executed (original or copy); or Certified Copy of Priority Document(s) 15. 🗌 b. Copy from a prior application (37 CFR 1.63 (d)) (if foreign priority is claimed) 16. 🗍 Nonpublication Request under 35 U.S.C. 122 (for a continuation/divisional with Box 18 completed) (b)(2)(B)(i). Applicant must attach form PTO/SB/35 i. DELETION OF INVENTOR(S) or its equivalent. Signed statement attached deleting inventor(s) 17. 🛛 Other: Certificate of Express Mail named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). 6. Application Data Sheet. See 37 CFR 1.76 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: ☐ Divisional of prior application No: ___/ ☐ Continuation Continuation-in-part (CIP) Prior application information: Examiner _ Group / Art Unit: For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference. The incorporation <u>can only</u> be relied upon when a portion has been inadvertently omitted from the submitted application parts. 17. CORRESPONDENCE ADDRESS 22908 Correspondence address below □ Customer Number or Bar Code Label (Insert Customer No. or Attach bar code label here) Kenneth F. Smolik Name Banner & Witcoff, Ltd. Address City Zip Code State Country Telephone Fax Kenneth F. Smolik Registration No. (Attorney/Agent) 44,344 Name (Print/Type) Date July 25, 2003 Signature

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Approved for use through 01/31/2003. OMB 0651-0032
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CCC TO A MORAUTTA I	Complete if Known				
FEE TRANSMITTAL	Application Number	Unassigned			
for FY 2003	Filing Date	July 25, 2003			
Deletation and additional and a later	First Named Inventor	Smith			
Patent fees are subject to annual revision.	Examiner Name	Unassigned			
☐ Applicant claims small entity status. See 37 CFR 1.27	Art Unit	Unassigned			
TOTAL AMOUNT OF PAYMENT (\$) 1006	Attorney Docket No.	003921.00151			

METHOD OF PAYMENT (check all that apply)					FEE CALCULATION (continued)				
				3. ADDITIONAL FEES					
☐ Check ☐ Credit card ☐ Money ☐ Other ☐ None Order			Entity	Smail E	intity				
☑ Deposit Account:		Fee	Fee						
Denosit		Code	(\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid		
Deposit Account 19-0733		1051	130	2051	65	Surcharge - late filing fee or oath			
Number	1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet.				
Deposit	1053	130	1053	130	Non-English specification				
Account Banner & Witcoff, Ltd. Name			2,520	1812	2,520	For filing a request for exparte reexamination			
The Commissioner is authorized to: (check all that a	1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action				
☐ Charge fee(s) indicated below ☐ Charge for the filing	1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action				
to the above-identified deposit account.		1251	110	2251	55	Extension for reply within first month			
FEE CALCULATION	1252	410	2252	205	Extension for reply within second month				
1. BASIC FILING FEE		1253	930	2253	465	Extension for reply within third month			
Large Entity Small Entity Fee Fee Fee Fee Fee Description		1254	1,450	2254	725	Extension for reply within fourth month			
Code (\$) Code (\$)	Fee Paid	1255	1,970	2255	985	Extension for reply within fifth month			
1001 750 2001 375 Utility filing fee	750	1401	320	2401	160	Notice of Appeal			
1002 330 2002 165 Design filing fee		1402	320	2402	160	Filing a brief in support of an appeal			
1003 520 2003 260 Plant filing fee		1403	280	2403	140	Request for oral hearing			
1004 750 2004 375 Reissue filing fee 1005 160 2005 80 Provisional filling fee		1451	1,510	1451	1,510	Petition to institute a public use proceeding			
00070741 (4)	(0) 750	1452	110	2452	55	Petition to revive – unavoidable			
SUBTOTAL (1)	(\$) 750	1453	1,300	2453	650	Petition to revive - unintentional			
2. EXTRA CLAIM FEES		1501	1,300	2501	650	Utility issue fee (or reissue)			
Extra Fee fro		1502	470	2502	235	Design issue fee			
Claims below	Paid	1503	630	2503	315	Plant issue fee			
Total Claims 32 - 20 ** = 12 X 18	= 216	1460	130	1460	130	Petitions to the Commissioner			
Independent Claims 2 - 3 ** = 0 X	= 0	1807	50	1807	50	Processing fee under 37 CFR 1.17 (q)			
Multiple Y		1806	180	1806	180	Submission of Information Disclosure Stmt			
Dependent Small Entity	ب ت	8021	40	8021	40	Recording each patent assignment per property (times number of	40		
Fee Fee Fee Fee <u>Fee Description</u> Code (\$) Code (\$)		1809	750	2809	375	properties) Filing a submission after final rejection	,		
Code (\$) Code (\$) Fee Best Figure 1202 18 2202 9 Claims in excess	of 20					(37 ČFR § 1.129(a))	'		
1201 84 2201 42 Independent clair	ns in excess of 3	1810	750	2810	375	For each additional invention to be			
1203 280 2203 140 Multiple depende	nt claim, if not paid	i i		ì		examined (37 CFR § 1.129(b))			
1204 84 2204 42 ** Reissue indepe original patent	endent claims over	1801	750	2801	375	Request for Continued Examination (RCE)	·		
1205 18 2205 9 ** Reissue claims over original pate	in excess of 20 and nt	1802	900	1802	900	Request for expedited examination of a design application			
SUBTOTAL (2) (\$)	216	Other	ee (spec	ify)					
**or number previously paid, if greater; For Reissues	see above	*Redu	iced by E	asic Filin	g Fee P	raid SUBTOTAL (3) (\$) 40			

SUBMITTED BY Complete (if applicable)						
Name (Print/Type)	Kenneth F. Smolik	Registration No. Attorney/Agent)	44,344	Telephone	312-463-5000	
Signature	Lennith	1 Amolk		Date	July 25, 2003	

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This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231

CERTIFICATE OF EXPRESS MAIL (PATENT)

Attorney Docket No. 003921.00151

Express Mail No. EV 335691097 US Deposited July 25, 2003

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Box 1450, Alexandria, VA 22313-1450.

By: X250

Smith, et al., U.S. Patent Application for "Generating a Split Power Plane of a Multi-Layer Printed Circuit Board"

• Transmittal Form (in duplicate)

- Fee Transmittal (in duplicate)
- Application Data Sheet (3 pages)
- Declaration and Power of Attorney (3 pages)
- Patent Application (21 pages)
- 14 Sheets of Drawings
- Assignment Recordation Coversheet (in duplicate)
- Assignment (2 pages)
- Return Receipt Postcard

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